INTERNATIONAL SEARCH REPORT

IB2004/003769

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B60H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60H F25B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Α	US 2003/115896 A1 (FINKENBERGER THOMAS ET AL) 26 June 2003 (2003-06-26) cited in the application abstract	1	
А	FR 2 833 886 A (VALEO CLIMATISATION) 27 June 2003 (2003-06-27) page 2, line 9 - line 12 page 3, line 27 - line 32 page 4, line 1 - line 2 page 4, line 8 - line 11	1	
A .	US 5 655 378 A (PETTERSEN JOSTEIN) 12 August 1997 (1997-08-12) column 2, line 17 - line 28 abstract	1	
	-/		

ľ		
	Special categories of cited documents:	*T* later document published after the international filing date
	"A" document defining the general state of the art which is not considered to be of particular relevance	or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
	E earlier document but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to
ĺ	"L" document which may throw doubts on priority claim(s) or	involve an inventive step when the document is taken alone
	which is clied to establish the publication date of another cliation or other special reason (as specified)	"Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the
	O document referring to an oral disclosure, use, exhibition or other means	document is combined with one or more other such docu- ments, such combination being obvious to a person skilled
ı	*P* document nublished prior to the International filling date but	in the art.

* document published prior to the International filing date but later than the priority date claimed in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

11/02/2005

Patent family members are listed in annex.

7 February 2005

X

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

Further documents are listed in the continuation of box C.

Authorized officer

Granhäck M I

INTERNATIONAL SEARCH REPORT

			IB2004/003769		
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT				
ategory °	Citation of document, with indication, where appropriate, of the relevant pass	sages	Relevant to claim No.		
1	US 6 298 674 B1 (FINKENBERGER THOMAS AL) 9 October 2001 (2001-10-09) column 2, line 43 - line 46 abstract	ET	1		
	US 2002/023451 A1 (TOMATSU YOSHITAKA AL) 28 February 2002 (2002-02-28) paragraph '0056! abstract	ET			
	·				

INTERNATIONAL SEARCH REPORT

IB2004/003769

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2003115896	A1	26-06-2003	DE FR	10157461 A1 2834551 A1	
FR 2833886	A	27-06-2003	FR AU EP WO	2833886 A1 2002364420 A1 1456045 A1 03053727 A1	09-07-2003 15-09-2004
US 5655378	A	12-08-1997	NO AU DE DE EP ES JP JP WO	924797 A 5720594 A 69315087 D1 69315087 T2 0672233 A1 2111285 T3 2804844 B2 8504501 T 9414016 A1	20-09-1995 01-03-1998
US 6298674	B1	09-10-2001	DE FR IT JP	19935731 A1 2797036 A1 RM20000406 A1 2001071742 A	15-02-2001 02-02-2001 21-01-2002 21-03-2001
US 2002023451	A1	28-02-2002	JP DE	2003002048 A 10141592 A1	08-01-2003 14-03-2002